

## Lipids and Lipid Metabolism

(including Lipids in Signalling and Recognition) Vol. 1299, 1996



## **Author Index**

Abe, A., Radin, N.S. and Shayman, J.A.

Induction of glucosylceramide synthase by synthase inhibitors and ceramide (1299) 333

Aberle, A.M., Bennett, M.J., Malone, R.W. and Nantz, M.H.

The counterion influence on cationic lipid-mediated transfection of plasmid DNA (1299) 281

Adosraku, R.K., Smith, J.D., Nicolaou, A. and Gibbons, W.A.

Tetrahymena thermophila: analysis of phospholipids and phosphonolipids by high-field <sup>1</sup>H-NMR (1299) 167

Akimoto, K., see Kawashima, H. (1299) 34

Alvarez-Cermeño, J.C., see Nocito, M. (1299) 17

Balbaa, M., Honke, K. and Makita, A.

Regulation of glycolipid sulfotransferase by tyrosine kinases in human renal cancer cells (1299) 141

Bass, D.A., see Bauldry, S.A. (1299) 223

Bauldry, S.A., Wooten, R.E. and Bass, D.A.

Activation of cytosolic phospholipase A<sub>2</sub> in permeabilized human neutrophils (1299) 223

Bélanger, A., see Lavallée, B. (1299) 306

Bell, J.G., see Henderson, R.J. (1299) 289

Bennett, M.J., see Aberle, A.M. (1299) 281

Bernini, F., Calabresi, L., Bonfadini, G. and Franceschini, G.

The molecular structure of apolipoprotein A-II modulates the capacity of HDL to promote cell cholesterol efflux (1299) 103

Bézard, J., see Clouet, P. (1299) 191

Blackmore, P.F., see Rzigalinski, B.A. (1299) 342

Boland, R., see De Boland, A.R. (1299) 279

Bonfadini, G., see Bernini, F. (1299) 103

Boremski, S., see Geilen, C.C. (1299) 299

Bourgoin, S., see Richard, A. (1299) 259

Bremer, J., see Larsen, L.N. (1299) 47

Buzzi, M., Henderson, R.J. and Sargent, J.R.

The desaturation and elongation of linolenic acid and eicosapentaenoic acid by hepatocytes and liver microsomes from rainbow trout (*Oncorhynchus mykiss*) fed diets containing fish oil or olive oil (1299) 235

Calabresi, L., see Bernini, F. (1299) 103

Campbell, W.B., see Rosolowsky, M. (1299) 267

Carrero, P., Gómez-Coronado, D., Olivecrona, G. and Lasunción, M.A. Binding of lipoprotein lipase to apolipoprotein B-containing lipoproteins (1299) 198

Chapkin, R.S., see Laurenz, J.C. (1299) 146

Chapman, M.J., see Dentan, C. (1299) 353

Cheema, S.K. and Clandinin, M.T.

Diet fat alters expression of genes for enzymes of lipogenesis in lean and obese mice (1299) 284

Chen, X., Gresham, A., Morrison, A. and Pentland, A.P.

Oxidative stress mediates synthesis of cytosolic phospholipase  $A_2$  after UVB injury (1299) 23

Chicco, A., see Lombardo, Y.B. (1299) 175

Chilton, F.H., Fonteh, A.N., Surette, M.E., Triggiani, M. and Winkler, J.D.

Control of arachidonate levels within inflammatory cells (1299) 1

Clandinin, M.T., see Cheema, S.K. (1299) 284

Clouet, P., Semporé, G., Tsoko, M., Gresti, J., Demarquoy, J., Niot, I., Bézard, J. and Martin-Privat, P.

Effect of short- and long-term treatments by a low level of dietary L-carnitine on parameters related to fatty acid oxidation in Wistar rat (1299) 191

Collins, V.P., see Rudling, M. (1299) 75

Dabach, Y., see Stein, O. (1299) 216

Dahl, E., see Larsen, L.N. (1299) 47

D'Alessandro, M.E., see Lombardo, Y.B. (1299) 175

Dargel, R., see Plonné, D. (1299) 54

De Boland, A.R., Morelli, S. and Boland, R.

Corrigendum to "1,25(OH)<sub>2</sub>-Vitamin D-3 stimulates phospholipase A<sub>2</sub> activity via a guanine nucleotide-binding protein in chick myoblasts" [Biochim. Biophys. Acta 1257 (1995) 274-278] (1299) 279

De Jersey, J., see Treloar, T. (1299) 160

Demarquoy, J., see Clouet, P. (1299) 191

DeMattos, R.B., see Rea, T.J. (1299) 67

Dentan, C., Tselepis, A.D., Chapman, M.J. and Ninio, E.

Pefabloc, 4-[2-aminoethyl]benzenesulfonyl fluoride, is a new, potent nontoxic and irreversible inhibitor of PAF-degrading acetylhydrolase (1299) 353

Endisch, U., see Plonné, D. (1299) 54

Ericson, L., see Haigh, W.G. (1299) 183

Exton, J.H., see Pete, M.J. (1299) 325

Fonteh, A.N., see Chilton, F.H. (1299) 1

Franceschini, G., see Bernini, F. (1299) 103

Fujimoto, K., see Nakagawa, K. (1299) 110

Geilen, C.C., Wieder, T., Boremski, S., Wieprecht, M. and Orfanos, C.E. c-Ha-ras oncogene expression increases choline uptake, CTP:phosphocholine cytidylyltransferase activity and phosphatidylcholine biosynthesis in the immortalized human keratinocyte cell line HaCaT (1299) 299

Gibbons, W.A., see Adosraku, R.K. (1299) 167

Gombos, Z., Wada, H., Varkonyi, Z., Los, D.A. and Murata, N.

Characterization of the Fad12 mutant of *Synechocystis* that is defective in  $\Delta$ 12 acyl-lipid desaturase activity (1299) 117

Gómez-Coronado, D., see Carrero, P. (1299) 198

González-Porqué, P., see Nocito, M. (1299) 17

Gregoriadis, G., see Velinova, M. (1299) 207

Gresham, A., see Chen, X. (1299) 23

Gresti, J., see Clouet, P. (1299) 191

Gunn, J.M., see Laurenz, J.C. (1299) 146

Guo, D.-a., see Venkatramesh, M. (1299) 313

Gutman, R., see Lombardo, Y.B. (1299) 175

Haigh, W.G., Yoder, T.F., Ericson, L., Pratum, T. and Winget, R.R. The characterisation and cyclic production of a highly unsaturated homoserine lipid in *Chlorella minutissima* (1299) 183

Halperin, G., see Stein, O. (1299) 216

Henderson, R.J., Bell, J.G. and Park, M.T.

Polyunsaturated fatty acid composition of the salmon (Salmo salar L.) pineal organ: modification by diet and effect on prostaglandin production (1299) 289

Henderson, R.J., see Buzzi, M. (1299) 235

Herschman, H.R.

Prostaglandin synthase 2 (1299) 125

Hoffmann, A., Schmalz, M. and Leineweber, M.

Cholesterol lowering action of HOE 402 in the normolipidemic and hypercholesterolemic Golden Syrian hamster (1299) 95

Hollander, G., see Stein, O. (1299) 216

Homan, R., see Rea, T.J. (1299) 67

Honke, K., see Balbaa, M. (1299) 141

Hu, M., Konoki, K. and Tachibana, K.

Cholesterol-independent membrane disruption caused by triterpenoid saponins (1299) 252

Hülsmann, W.C., see Pessotto, P. (1299) 245

Jia, Z., see Venkatramesh, M. (1299) 313 Jolly, C.A., see Laurenz, J.C. (1299) 146

Kawashima, H., Akimoto, K., Shirasaka, N. and Shimizu, S. Inhibitory effects of alkyl gallate and its derivatives on fatty acid desaturation (1299) 34

Khachadurian, A.K., see Rifici, V.A. (1299) 87

Kirby, C., see Velinova, M. (1299) 207

Konoki, K., see Hu, M. (1299) 252

Kresch, M.J., Lima, D.M. and Lu, H.

Developmental regulation of phospholipid secretion by fetal type II pneumocytes (1299) 39

Krump, E., see Richard, A. (1299) 259

Larsen, L.N., Dahl, E. and Bremer, J.

Peroxidative oxidation of leuco-dichlorofluorescein by prostaglandin H synthase in prostaglandin biosynthesis from polyunsaturated fatty acids (1299) 47

Lasunción, M.A., see Carrero, P. (1299) 198

Laurenz, J.C., Gunn, J.M., Jolly, C.A. and Chapkin, R.S.

Alteration of glycerolipid and sphingolipid-derived second messenger kinetics in ras transformed 3T3 cells (1299) 146

Lavallée, B., Provost, P.R. and Bélanger, A.

Formation of pregnenolone- and dehydroepiandrosterone-fatty acid esters by lecithin-cholesterol acyltransferase in human plasma high density lipoproteins (1299) 306

Leineweber, M., see Hoffmann, A. (1299) 95

L'Heureux, G.P., see Richard, A. (1299) 259

Liberati, R., see Pessotto, P. (1299) 245

Liljenberg, C., see Norberg, P. (1299) 80

Lima, D.M., see Kresch, M.J. (1299) 39

Lombardo, Y.B., Chicco, A., D'Alessandro, M.E., Martinelli, M., Soria, A. and Gutman, R.

Dietary fish oil normalize dyslipidemia and glucose intolerance with unchanged insulin levels in rats fed a high sucrose diet (1299) 175

Los, D.A., see Gombos, Z. (1299) 117

Lu, H., see Kresch, M.J. (1299) 39

Madden, L.J., see Treloar, T. (1299) 160

Makita, A., see Balbaa, M. (1299) 141

Malone, R.W., see Aberle, A.M. (1299) 281

Martin-Privat, P., see Clouet, P. (1299) 191

Martinelli, M., see Lombardo, Y.B. (1299) 175

McColl, S.R., see Richard, A. (1299) 259

Miyazawa, T., see Nakagawa, K. (1299) 110

Morelli, S., see De Boland, A.R. (1299) 279

Morrison, A., see Chen, X. (1299) 23

Murata, N., see Gombos, Z. (1299) 117

Naccache, P.H., see Richard, A. (1299) 259

Nakagawa, K., Fujimoto, K. and Miyazawa, T.

 $\beta$ -Carotene as a high-potency antioxidant to prevent the formation of phospholipid hydroperoxides in red blood cells of mice (1299) 110

Nantz, M.H., see Aberle, A.M. (1299) 281

Nes, W.D., see Venkatramesh, M. (1299) 313

Newton, R.S., see Rea, T.J. (1299) 67

Nicolaou, A., see Adosraku, R.K. (1299) 167

Nilsson, R., see Norberg, P. (1299) 80

Ninio, E., see Dentan, C. (1299) 353

Niot, I., see Clouet, P. (1299) 191

Nocito, M., Roy, G., Villar, L.M., Palacios, C., Serrano, A., Alvarez-Cermeño, J.C. and González-Porqué, P.

Thioesterase and protein deacylase activities of porcine pancreatic phospholipase  $A_2$  (1299) 17

Norberg, P., Nilsson, R., Nyiredy, S. and Liljenberg, C.

Glucosylceramides of oat root plasma membranes – physicochemical behaviour in natural and in model systems (1299) 80

Nyiredy, S., see Norberg, P. (1299) 80

Olivecrona, G., see Carrero, P. (1299) 198 Orfanos, C.E., see Geilen, C.C. (1299) 299

Palacios, C., see Nocito, M. (1299) 17

Pape, M.E., see Rea, T.J. (1299) 67

Park, M.T., see Henderson, R.J. (1299) 289

Pelletier, G., see Richard, A. (1299) 259

Pentland, A.P., see Chen, X. (1299) 23

Pessotto, P., Liberati, R., Petrella, O. and Hülsmann, W.C.

Quaternary nitrogen compounds affect carnitine distribution in rats. Particular emphasis on edrophonium (1299) 245

Pete, M.J., Wu, D.W. and Exton, J.H.

Subcellular fractions of bovine brain degrade phosphatidylcholine by sequential deacylation of the sn-1 and sn-2 positions (1299) 325

Petrella, O., see Pessotto, P. (1299) 245

Plonné, D., Stacke, A., Weber, K.-U., Endisch, U. and Dargel, R.

The pattern of apolipoprotein B100 containing lipoprotein subclasses produced by the isolated visceral rat yolk sac depends on developmental stage and fatty acid availability (1299) 54

Pratum, T., see Haigh, W.G. (1299) 183

Provost, P.R., see Lavallée, B. (1299) 306

Radin, N.S., see Abe, A. (1299) 333

Ravi Subbiah, M.T., see Tang, M. (1299) 155

Rea, T.J., DeMattos, R.B., Homan, R., Newton, R.S. and Pape, M.E. Lack of correlation between ACAT mRNA expression and cholesterol esterification in primary liver cells (1299) 67

Read, N., see Velinova, M. (1299) 207

Richard, A., Bourgoin, S., Naccache, P.H., L'Heureux, G.P., Krump, E., McColl, S.R. and Pelletier, G.

C<sub>2</sub>-ceramide primes specifically for the superoxide anion production induced by *N*-formylmethionylleucyl phenylalanine (fMLP) in human neutrophils (1299) 259

Rifici, V.A. and Khachadurian, A.K.

Oxidation of high density lipoproteins: characterization and effects on cholesterol efflux from J774 macrophages (1299) 87

Rosenthal, M.D., see Rzigalinski, B.A. (1299) 342

Rosolowsky, M. and Campbell, W.B.

Synthesis of hydroxyeicosatetraenoic (HETEs) and epoxyeicosatrienoic acids (EETs) by cultured bovine coronary artery endothelial cells (1299) 267

Roy, G., see Nocito, M. (1299) 17

Rudling, M. and Collins, V.P.

Low density lipoprotein receptor and 3-hydroxy-3-methylglutaryl coenzyme A reductase mRNA levels are coordinately reduced in human renal cell carcinoma (1299) 75

Rzigalinski, B.A., Blackmore, P.F. and Rosenthal, M.D.

Arachidonate mobilization is coupled to depletion of intracellular calcium stores and influx of extracellular calcium in differentiated U937 cells (1299) 342

Sargent, J.R., see Buzzi, M. (1299) 235

Schmalz, M., see Hoffmann, A. (1299) 95

Semporé, G., see Clouet, P. (1299) 191

Serrano, A., see Nocito, M. (1299) 17

Shayman, J.A., see Abe, A. (1299) 333

Shimizu, S., see Kawashima, H. (1299) 34

Shirasaka, N., see Kawashima, H. (1299) 34

Smith, J.D., see Adosraku, R.K. (1299) 167

Smith, J.L., see Treloar, T. (1299) 160

Soria, A., see Lombardo, Y.B. (1299) 175

Stacke, A., see Plonné, D. (1299) 54
Stein, O., Dabach, Y., Hollander, G., Halperin, G., Thiery, J. and Stein, Y.

Relative resistance of the hamster to aortic atherosclerosis in spite of prolonged vitamin E deficiency and dietary hypercholesterolemia. Putative effect of increased HDL? (1299) 216

Stein, Y., see Stein, O. (1299) 216

Surette, M.E., see Chilton, F.H. (1299) 1

Tachibana, K., see Hu, M. (1299) 252

Tang, M. and Ravi Subbiah, M.T.

Estrogens protect against hydrogen peroxide and arachidonic acid induced DNA damage (1299) 155

Thiery, J., see Stein, O. (1299) 216

Treloar, T., Madden, L.J., Winter, J.S., Smith, J.L. and De Jersey, J. Fatty acid ethyl ester synthesis by human liver microsomes (1299) 160

Triggiani, M., see Chilton, F.H. (1299) 1 Tselepis, A.D., see Dentan, C. (1299) 353 Tsoko, M., see Clouet, P. (1299) 191

Varkonyi, Z., see Gombos, Z. (1299) 117

Velinova, M., Read, N., Kirby, C. and Gregoriadis, G.

Morphological observations on the fate of liposomes in the regional lymph nodes after footpad injection into rats (1299) 207

Venkatramesh, M., Guo, D.-a., Jia, Z. and Nes, W.D.

Mechanism and structural requirements for transformation of substrates by the (S)-adenosyl-L-methionine:  $\Delta^{24(25)}$ -sterol methyl transferase from Saccharomyces cerevisiae (1299) 313

Villar, L.M., see Nocito, M. (1299) 17

Wada, H., see Gombos, Z. (1299) 117

Weber, K.-U., see Plonné, D. (1299) 54

Wieder, T., see Geilen, C.C. (1299) 299

Wieprecht, M., see Geilen, C.C. (1299) 299

Winget, R.R., see Haigh, W.G. (1299) 183

Winkler, J.D., see Chilton, F.H. (1299) 1 Winter, J.S., see Treloar, T. (1299) 160

Wooten, R.E., see Bauldry, S.A. (1299) 223

Wu, D.W., see Pete, M.J. (1299) 325

Yoder, T.F., see Haigh, W.G. (1299) 183

